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WPI Acc No: 1972-62893T/197240

**Encapsulating chemicals - by introducing mixt with solvent
and protective material into water**

Patent Assignee: FARBENFAB BAYER AG (FARB)

Number of Countries: 008 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2111411	A					197240 B
BE 780497	A					197240
NL 7203233	A					197240
FR 2130152	A					197306
GB 1350704	A	19740424				197417
CA 967818	A	19750520				197522
CH 564370	A	19750731				197534
JP 47031875	A	19721113				198008
JP 80003970	B	19800128				198008

Priority Applications (No Type Date): DE 2111411 A 19710310

Abstract (Basic): DE 2111411 A

Free-flowing granulates consisting of encapsulated materials, esp. pharmaceuticals and plant protection agents, foodstuffs and food supplements, e.g. spices, flavours or aromas, dyes and pigments, chemicals, lubricants, oils, rubber adjuvants, e.g. curing agents and vulcanisation promoters, and catalysts, are prepd. by dissolving or dispersing liquid or solid chemical products in a homogeneous liquid mixt. consisting of an organic water-miscible solvent (I) and a solvent-miscible opt. molten protective material (II) pref. using 0.1-20 (0.1-3) x amount (I) w.r.t. (II); and introducing mixt. obtd. into water, with stirring, at temps. below solidification temp. of mixt.

Title Terms: CHEMICAL; INTRODUCING; MIXTURE; SOLVENT; PROTECT; MATERIAL; WATER

Derwent Class: A60; B04; C03; D13; P73

International Patent Class (Additional): A01N-009/36; A01N-017/00;

A23L-001/26; B01J-002/06; B01J-013/02; B32B-001/00

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): A08-C01; B04-B01B; B04-B01C; B10-C04; B10-J02;

B11-C05; B12-M11; B12-N01; C04-B01B; C04-B01C; C10-C04; C10-J02; C11-C05; C12-M11; C12-N01; D03-H01

Polymer Fragment Codes (PF):

001 012 02- 028 141 192 260 261 273 293 347 689
002 012 03- 04- 255 259 273 316 332 398 431 475 525 611 62& 633
644 645 681 720 724
003 012 03- 032 289 341 388

Chemical Fragment Codes (M1):

01 V772 V780 N100 M431 M730 M760 M782 R003 R002 R031 R032 R033 R034
R036 R038 R043 M423 M417 M424 M902
02 V772 V780 N100 M431 M740 M750 M782 R031 R032 R033 R034 R036 R038
R043 R000 M423 M417 M424 M902

Chemical Fragment Codes (M2):

03 J1 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225
M226 M231 M232 M233 M260 M281 M311 M312 M313 M314 M315 M316 M320
J171 M620 H721 H711 H722 H723 N100 M431 M510 M520 M530 M540 M740
M750 M782 R031 R032 R033 R034 R036 R038 R043 R000 M416 M417 M424
M902

04 K0 H6 M121 M148 M210 M211 M231 M260 M281 M311 M320 B721 B815 B819
B831 B515 B701 B712 B731 G100 M532 L310 L320 L340 L330 H602 H608
N100 M431 P340 P344 M510 M520 M540 M740 M750 M782 R031 R032 R033
R034 R036 R038 R043 R000 M411 M417 M424 M902

05 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225
M226 M231 M232 M233 M311 M312 M313 M314 M315 M316 M320 M610 M620
N100 M431 M510 M520 M530 M540 M740 M750 M782 R031 R032 R033 R034
R036 R038 R043 R000 M416 M417 M424 M902

06 J1 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225
M226 M231 M232 M233 M260 M281 M311 M312 M313 M314 M315 M316 M320
J171 M620 H721 H711 H722 H723 N100 M431 M510 M520 M530 M540 M730
M760 M782 R003 R002 R031 R032 R033 R034 R036 R038 R043 M416 M417
M424 M902

07 K0 H6 M121 M148 M210 M211 M231 M260 M281 M311 M320 B721 B815 B819
B831 B515 B701 B712 B731 G100 M532 L310 L320 L340 L330 H602 H608
N100 M431 P340 P344 P002 P001 M510 M520 M540 M730 M760 M782 R003
R002 R031 R032 R033 R034 R036 R038 R043 M411 M417 M424 M902

08 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225
M226 M231 M232 M233 M311 M312 M313 M314 M315 M316 M320 M610 M620
N100 M431 M510 M520 M530 M540 M730 M760 M782 R003 R002 R031 R032
R033 R034 R036 R038 R043 M416 M417 M424 M902

Ring Index Numbers: 73172; 73173; 73172; 73173

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- (54) Titel: **Verfahren zur Herstellung von rieselfähigen Granulaten durch Umhüllen von Produkten natürlicher oder synthetischer Provenienz mit Schutzmaterialien**

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